

Name Kly

Practice with the Distributive Property

$$a(b + c) = ab + ac$$

1.  $4(7 + 10) =$

$$4(7) + 4(10)$$

$$28 + 40$$

$$(68)$$

2.  $2(13 + 18) =$

$$2(13) + 2(18)$$

$$26 + 36$$

$$(62)$$

3.  $6(15 - 3) =$

$$6(15) - 6(3)$$

$$90 - 18$$

$$(72)$$

4.  $7(50 - 22) =$

$$7(50) - 7(22)$$

$$350 - 154$$

$$(196)$$

Rewrite the number in parentheses to make an easier problem to solve mentally with the distributive property.

Ex.  $5(54) = 5(50) + 5(4)$

$$250 + 20$$

$$270$$

5.  $8(62) = 8(60 + 2)$

$$8(60) + 8(2)$$

$$480 + 16$$

$$(496)$$

6.  $5(47) = 5(40 + 7)$

$$5(40) + 5(7)$$

$$200 + 35$$

$$(235)$$

7.  $6(88) = 6(80 + 8)$

$$6(80) + 6(8)$$

$$480 + 48$$

$$(528)$$

8.  $7(73) = 7(70 + 3)$

$$7(70) + 7(3)$$

$$490 + 21$$

$$(511)$$